

Name_____ Date_____

Our Solar System

What is a Solar System?

- the collection of _____ planets and their _____ in orbit around the _____, together with smaller bodies in the form of _____, _____, and _____.

The Inner Planets

Mercury

- _____ orbiting planet
- Orbit : the _____ of a celestial object or spacecraft _____ a star, planet, or moon.
- Planet _____ to the _____
 - One side of the planet can be _____degrees Fahrenheit (hot enough to melt lead) when the other can be _____degree Fahrenheit at the same time.
- Approximately _____ the size of _____
- _____ surface covered by craters
- No _____ or _____ results in unchanged appearance
- On Mercury you weigh only _____ of what you weigh on Earth.
- So if you weigh 150lbs on Earth you will weigh _____on Mercury



Venus

- _____ planet from the Sun
- Approximately the _____ as the Earth
- Atmosphere consists of _____
 - Venus has _____ times the pressure of Earth
 - Venus has _____ like Earth
 - Rotates in the _____
_____ of Earth.
 - At one time there were _____ but they have been boiled away
 - On Venus you weigh only _____ of what you weigh on Earth.
- If you weigh 150 lbs on Earth you will weigh _____ on Venus



Earth

- _____ planet from the Sun
- Earth is _____ enough to keep most of its water from freezing and _____ enough to keep its water from boiling
- Temperature is between _____ degrees Celsius and _____ degrees Celsius
- _____ of the four inner planets
- Only planet where life is known to exist
- _____ of the surface is covered by water



Mars

- _____ planet from the Sun
- Approximately _____ the size of Earth
- Known as the _____
- Has _____ similar to Earth
- Resembles Earth more than any other planet
- Air Pressure on Mars is the same as _____ above the Earth's surface
- Mars is in the form of _____.
- Evidence that _____ was there at one time
- _____ history like Earth.
- It has the tallest mount of the planets (Olympus Mons) _____ size of Mt. Everest.

